PATENT COOPERATION TREATY

PCT

NEC 3 0 JUL 2004

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION		on of Transmittal o	
P51380			· · · · · · · · · · · · · · · · · · ·	(Form PCT/IPEA/416)
International application No.	International filing date (day/mo	nth/year)	Priority date (day	/inonth/year)
PCT/US03/35206	04 November 2003 (04.11.2003)	05 November 200	02 (05.11.2002)
International Patent Classification (IPC)	or national classification and IPC			
IPC(7): A01N 43/64, 43/42; A61K 31/53, 31/44, 31/47; C07D 215/20, 215/36, 471/02, 253/00 and US Cl.: 514/242, 300, 312, 314; 544/182; 546/122, 153 Applicant				
SMITHKLINE BEECHAM CORPORAT	TION			
Examining Authority and i	 This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. 			
2. This REPORT consists of	a total of $\overset{2}{\mathcal{Z}}$ sheets, including	this cover she	et.	
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).				
These annexes consist of a	total of sheets.		EPO - D	G 1
3. This report contains indica	tions relating to the following	items:	13. 09.	2004
I Basis of the repo	ort			.
II Priority			(3 <i>/</i>)
				al amlicability
				ar appricating
1V Lack of unity of	IV Lack of unity of invention			
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
VI Certain documents cited				
VII Certain defects in the international application				
VIII Certain observations on the international application				
Date of submission of the demand	Date	of completion	of this report	
27 May 2004 (27.05.2004)		06 July 2004 (06.07.2004)		
Name and mailing address of the IPEA/US		Authorized officer		
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents		Zachary C. Tucker 7. Roboto for		
P.O. Box 1450 Alexandria, Virginia 223 13-1450		hone No. (621)	272 1600	
Facsimile No. (703)872-9306 Telephone No. (571) 272-1600				

Form PCT/IPEA/409 (cover sheet)(July 1998)

INTERNATIONAL	PRELIMINARY	EXAMINATION	REPORT

International application No.	
PCT/US03/35206	

1.	I. Basis of the report				
1.	. With regard to the elements of the international application:*				
		the international application as originally filed.			
	\boxtimes	the description:			
		pages 1-49 as originally filed			
		pages NONE , filed with the demand			
		pages NONE , filed with the letter of			
	\boxtimes	the claims:			
		pages 50-55 as originally filed			
		pages NONE, as amended (together with any statement) under Article 19 pages NONE, filed with the demand			
		pages NONE , filed with the letter of .			
		the drawings:			
		pages NONE, as originally filed			
		pages NONE , filed with the demand			
		pages NONE filed with the letter of			
		the sequence listing part of the description:			
		pages NONE as originally filed			
		pages NONE filed with the demand			
		pages NONE , filed with the letter of			
2.	2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item. These elements were available or furnished to this Authority in the following language which is:				
		the language of a translation furnished for the purposes of international search (under Rule23.1(b)).			
	the language of publication of the international application (under Rule 48.3(b)).				
		the language of the translation furnished for the purposes of international preliminary examination(under Rules 55.2 and/or 55.3).			
3.		regard to any nucleotide and/or amino acid sequence disclosed in the international application, the national preliminary examination was carried out on the basis of the sequence listing:			
		contained in the international application in printed form.			
		filed together with the international application in computer readable form.			
		furnished subsequently to this Authority in written form.			
	Ш	furnished subsequently to this Authority in computer readable form.			
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.			
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.			
4.	\boxtimes	The amendments have resulted in the cancellation of:			
		the description, pages NONE			
		the claims, Nos. NONE			
		the drawings, sheets/fig NONE			
5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**			
* }	* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in				
this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). ** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.					

Form PCT/IPEA/409 (Box 1) (July 1998)

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International application No. PCT/US03/35206

V. Reasoned statement under Rule 66.2(a)(citations and explanations supporting su		or industrial applicability;
1. STATEMENT		
1. STATEMENT		
Novelty (N)	Claims 1-11	YES
	Claims NONE	NO
Inventive Step (IS)	Claims 1-11	YES
	Claims NONE	NO
Industrial Applicability (IA)	Claims I-11	YES
	Claims NONE	NO
All claims 1-11 meet the requirements of PCT Artic disclosed in WO 99/37635 are quinoline antibacteria substituent "A" in formula (I) of WO 99/37635 can according to the invention. Additionally, compounds of formula (I) in WO 99/3 invention, the corresponding nitrogen atom cannot be The compounds according to the invention are antibodically in the compounds according to the invention are antibodically in the invention are antibodic	ds, but are different from the compounds according to be a ring, where a ring is required in the control of the compounds according to the control of the control of the compounds according to the control of the contr	ding to the invention, because responding position in compounds a compounds according to the plicability as pharmaceuticals.
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